

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037366.D
 Acq On : 7 Aug 2021 5:58
 Operator : SY/AP
 Sample : M3157-09
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:10:46 PM

Quant Time: Aug 07 06:45:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	854841	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2757331	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2311960	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1588941	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	47076	0.243	ppbv	95
3) Chlorodifluoromethane	2.98	51	240471m	1.411	ppbv	
4) Chloromethane	3.13	50	62674m	1.076	ppbv	
9) Propene	3.02	41	46356m	0.810	ppbv	
10) Heptane	8.11	43	21206m	0.159	ppbv	
11) Trichlorofluoromethane	3.95	101	33375	0.201	ppbv	95
13) Ethanol	3.60	45	1090014	103.298	ppbv	96
15) Acetone	3.84	43	2258506	25.353	ppbv	94
17) tert-Butyl alcohol	4.31	59	21400m	0.226	ppbv	
19) Isopropyl Alcohol	3.97	45	396367m	7.351	ppbv	
20) Methylene Chloride	4.34	84	4572052	61.285	ppbv	97
26) Hexane	5.68	57	2811730	22.583	ppbv #	50
30) Cyclohexane	7.12	84	40819m	0.420	ppbv	
34) 2-Butanone	5.24	43	197878	2.137	ppbv	91
35) Carbon Tetrachloride	7.01	117	9612m	0.056	ppbv	
36) Benzene	6.88	78	72545	0.343	ppbv	94
38) Trichloroethene	7.83	130	8026m	0.078	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	198415m	0.561	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	205356	1.617	ppbv	97
51) 2-Hexanone	10.14	43	83007m	1.305	ppbv	
52) Tetrachloroethene	11.21	164	74371m	0.738	ppbv	
53) Toluene	9.80	91	1700481	6.903	ppbv	100
58) Ethyl Benzene	12.70	91	119252m	0.395	ppbv	
59) m/p-Xylene	12.96	91	387171m	1.473	ppbv	
60) o-Xylene	13.68	91	139293m	0.572	ppbv	
61) Styrene	13.52	104	33363m	0.266	ppbv	
69) p-Isopropyltoluene	17.64	119	36746m	0.098	ppbv	
72) 4-Ethyltoluene	15.83	105	37295m	0.129	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	42406m	0.156	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	120856	0.423	ppbv #	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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